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1. Document ID: JP 3270058 B2, EP 811680 A1, WO 9746652 A1, ZA 9704849 A, AU 9732906 A, CZ 9803954 A3, BR 9709421 A, CN 1227595 A, JP 11511802 W, MX 9810219 A1, CA 2257199 C

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TITLE: Liquid fabric softening composition - comprises fabric softener materials and mixture of cationic dye fixing agents

INVENTOR: BECKERS, M; MASSCHELEIN, A

PRIORITY-DATA: 1996EP-0870069 (June 3, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 3270058 B2	April 2, 2002		009	D06M013/463
<u>EP 811680 A1</u>	December 10, 1997	E	011	C11D003/00
WO 9746652 A1	December 11, 1997	E	024	C11D001/645
ZA 9704849 A	March 25, 1998		024	C11D000/00
AU 9732906 A	January 5, 1998		000	C11D001/645
CZ 9803954 A3	June 16, 1999		000	C11D001/645
BR 9709421 A	August 10, 1999		000	C11D001/645
CN 1227595 A	September 1, 1999		000	C11D001/645
JP 11511802 W	October 12, 1999		024	C11D001/62
MX 9810219 A1	April 1, 1999		000	C11D001/645
CA 2257199 C	March 5, 2002	E	000	C11D001/645

INT-CL (IPC): C11 D 0/00; C11 D 1/62; C11 D 1/645; C11 D 1/65; C11 D 3/00; C11 D 3/26; C11 D 3/30; C11 D 3/40; D06 M 13/463

ABSTRACTED-PUB-NO: EP 811680A

BASIC-ABSTRACT:

Liquid fabric softening composition comprises at least 1 fabric softener material and a mixture of at least 2 cationic dye fixing agents, preferably at least 1 water soluble and at least 1 water insoluble dye fixing agent.

The fabric softener is preferably a cationic fabric softener comprising quaternary ammonium compounds and amine precursors of formula ((+)N(R1)(R2)(R3)(CH2)n-Q-T1)(X-) (I) or (+)N(R3)3-(CH2)n-CH(QT1)CH2QT2(- X-) (II). Q = O-C(O), C(O)-O, O-C(O)-O, NR4-C(O) or C(O)-NR4; R1 = (CH2)n-Q-T2 or T3; R2 = (CH2)m-Q-T4, T5 or R3; R3, R4 = 1-4C alkyl, 1-4C hydroxyalkyl or H; T1-T5 = 11-22C alkyl or alkenyl; n, m = 1-4 and X- = softener-compatible anion. The composition comprises 0.1-10 (preferably 0.5-8, especially 1-5) wt.% of the mixture of dye fixing agents and the ratio of water-soluble dye fixing agent to water-insoluble dye fixing agent is 0.01:1-2:1, preferably 0.1:1-1:1, especially 0.3:1-0.8:1.

ADVANTAGE - The composition reduces the amount of dyes released from coloured